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10/509712
DT09 Rec'd PCT/PTO 30 SEP 2004

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Sean F. Mellino

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Detlef P. Müller-Schulte
Serial No. :
Filing Date : Herewith
Examiner :
Group Art Unit:
Title : Luminescent, Spherical, Non-Autofluorescent Silica Gel
Particles With Changeable Emission Intensities and
Emission Frequencies (as amended herein)
Attorney File : RO0909US (#90568)

Mail Stop PCT
Commissioner for Patents
P O Box 1450
Alexandria, Virginia, 22313-1450

U S PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name
/UJ/	3,853,987	12/10/74	Dreyer
	3,996,345	12/7/76	Ullman, et al.
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Examiner Initial	Document Number	Date	Country	Translation (Yes/No)
/UJ/	WO 99/01766	1/14/99	WO	No
/UJ/	WO 02/09125	1/31/2002	WO	No
/UJ/	BR 1439031 **	6/6/1976	GB	
/UJ/	DE 24 26 919 A	1/2/76	DE	No

Other Prior Art (Inc. Author, Title, Date, Pertinent Pages, Etc)

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/UJ/	Oi, et al., <u>J. Cell. Biol.</u> , Vol. 93: 891 (1982) **
/UJ/	Kaplan, et al., <u>Biochimica et Biophysica Acta</u> , Vol. 728: 112 (1983) **

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Examiner

/Unsu Jung/

Date Considered:

03/30/2007

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant

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Attorney Docket RO0909US (#90568)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

In re application of: Detlef P. Müller-Schulte

Serial No: 10/509,712 / Conf. No. 2617 Group No.: 1645

Filed: September 30, 2004 Examiner: __

For: LUMINESCENT, SPHERICAL, NON-AUTOFLUORESCENT SILICA GEL
PARTICLES WITH CHANGEABLE EMISSION INTENSITIES AND
EMISSION FREQUENCIES (per Prelim. Amd. mld. 9/30/2004)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Foreign Patent Documents

Examiner Initial	Document Number	Date	Country	Translation (Yes/No)
<u>/UJ/</u>	WO 99/01766	1/14/99	PCT	(Abstract & claim 1)
<u>/UJ/</u>	WO 02/09125	1/31/2002	PCT	(Abstract)
<u>/UJ/</u>	1 439 031 (Previously identified as BR1439031)	06/09/1976	GB	(English)
<u>/UJ/</u>	24 26 919	1/2/76	DE	Claim 1

Other Prior Art (Inc. Author, Title, Date, Pertinent Pages, Etc.)

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- ~~Hampl, et al., "Upconverting Phosphor Reporters in Immunochromatographic Assays," Anal. Biochem, Vol. 288: 176 (2001)~~
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- ~~Dave et al., "Sol-gel matrices for protein entrapment," Immobilized Biomolecules in Analysis **~~

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Date Considered:

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